

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A fluid delivery system for dispensing a multicomponent biological adhesive having at least a first component and a second component, the system comprising:

a housing configured to receive a plurality of reservoirs;

a discharge nozzle housing a conduit assembly having a plurality of conduits with a proximal end thereof in respective fluid communication with separate of said reservoirs, a distal end of said conduits defining at least two exit openings, wherein each of said plurality of reservoirs includes a sealable opening configured for being penetrated by a proximal end of a respective one of said plurality of conduits; and

a deflector assembly provided on said housing, said deflector assembly having a deflector plate substantially parallel with said at least two exit openings, said deflector plate displaced at a distance from a distal-most end of said housing and oriented to deflect said first and second components after exiting from said at least two exit openings.

2. (Cancelled)

3. (Original) The system of claim 1, wherein said deflector plate is oriented in general parallel relation to a distal face of said discharge nozzle.

4. (Previously Presented) The system of claim 1, wherein a first of said at least two exit openings and a second of said at least two exit openings are independent, such that said first and second components deflect and intermix external to said discharge nozzle against said deflector plate.

5. (Original) The system of claim 1, wherein said first component is a thrombin solution and said second component is a fibrinogen solution, whereby said biological adhesive is a fibrin sealant.

6. (Original) The system of claim 1, wherein said biological adhesive comprises a predetermined ratio of said first component to said second component.

7. (Original) The system of claim 1, wherein said housing includes a housing head for storing said plurality of reservoirs therein.

8. (Currently Amended) A fluid delivery system for dispensing a first and a second component of a biological adhesive, the system comprising:

a housing configured to receive a plurality of reservoirs storing the first and second components;

a nozzle assembly housed within a housing, said nozzle assembly having at least two dispensing conduits for dispensing the first component and the second component, wherein each of said plurality of reservoirs includes a sealable opening configured for being penetrated by a proximal end of the at least two dispensing conduits; and

a deflector assembly connected to the nozzle assembly, said deflector assembly having a deflector plate to deflect said first and second components after being dispensed from a distal exit of a respective dispensing conduit of said at least two dispensing conduits, said deflector plate displaced at a distance from a distal-most end of said housing and being substantially parallel with said distal exits.

9. (Cancelled)

10. (Cancelled)

11. (Original) The system of claim 8, wherein said deflector plate is oriented in general parallel relation to a distal face of said nozzle assembly.

12. (Previously Presented) The system of claim 8, wherein a first of said at least two dispensing conduits and a second of said at least two dispensing conduits are independent, such that said first and second components deflect and intermix external to said nozzle assembly against said deflector plate.

13. (Original) The system of claim 8, wherein said first component is a thrombin solution and said second component is a fibrinogen solution, whereby said biological adhesive is a fibrin sealant.

14. (Original) The system of claim 8, wherein said biological adhesive comprises a predetermined ratio of said first component to said second component.

15. (Original) The system of claim 9, wherein said housing includes a housing head for storing a plurality of reservoirs therein, each of said plurality of reservoirs storing one of the first and the second components.

16. (Currently Amended) A fluid delivery system for dispensing a multicomponent biological adhesive, the system comprising:

a conduit assembly housed within a housing, said conduit assembly having two conduits each having an exit opening;

a reservoir assembly having a first reservoir containing the first adhesive component and a second reservoir containing the second adhesive component, the first and second reservoirs being in fluid communication with a respective one of the two conduits, wherein the first and second reservoirs each include a sealable opening configured for being penetrated by a proximal end of the two conduits; and

a deflector assembly having a deflector plate displaced at a distance from a distal end of said housing for receiving the first and the second adhesive components from the two conduits and deflecting the first and second adhesive components prior to dispensing to an application site, wherein said deflector plate is substantially parallel to each of said exit openings.

17. (Cancelled)

18. (Original) The system of claim 16, wherein said deflector plate is oriented in general parallel relation to a distal face of said conduit assembly.

19. (Cancelled)

20. (Cancelled)

21. (Previously Presented) The system of claim 1, wherein the at least two exit openings are at an angle.

22. (Previously Presented) The system of claim 8, wherein the distal exits are at an angle.

23. (Previously Presented) The system of claim 16, wherein the exit openings are at an angle.